

31 1. (Twice Amended) A method of introducing a compound into a cell that expresses CD80 and/or CD86 costimulatory molecules, said method comprising contacting the cell with a non-cellular particle that comprises the compound and a ligand comprising CD28 or a portion thereof including the extracellular region of CD28; wherein said compound is a nucleic acid molecule.

B2 8. (Amended) The method of claim 1 wherein the ligand is a fusion protein that includes CD28 or a portion thereof including the extracellular region of CD28 and a viral portion.

10. (Amended) The method of claim 1 wherein the cell that expresses CD80 and/or CD86 costimulatory molecules is a dendritic cell.

B3 11. (Amended) The method of claim 1 wherein the particle is a viral particle, a [protein] complex that comprises two or more protein molecules and a nucleic acid molecule, a liposome or a cationic amphiphile/DNA complex.

12. (Amended) A method of introducing a compound into a cell that expresses CD80 and/or CD86 costimulatory molecules comprising contacting the cell with a particle that comprises the compound and a fusion protein, the fusion protein comprising the extracellular region of CD28 and the cytoplasmic and transmembrane regions of HIV gp41; wherein said compound is a nucleic acid molecule.

13. (Twice Amended) A method of delivering a therapeutic protein to an individual comprising the step of administering to tissue of said individual at a site on said individual's body, a particle that comprises a nucleic acid molecule that encodes a therapeutic protein and a ligand comprising CD28 or a portion thereof including the extracellular region of CD28.

B4 32. (Amended) The method of claim 1 wherein the ligand is a fusion protein that includes CD28 or a portion thereof and a viral portion.

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B4 37 (Amended) The method of claim 34 wherein the compound is DNA.

38. (Amended) The method of claim 34 wherein the compound is DNA that comprises a nucleotide sequence that encodes a protein operably linked to regulatory elements functional in the cell.

39. (Amended) The method of claim 34 wherein the compound is DNA that comprises a nucleotide sequence that encodes an immunogenic protein operably linked to regulatory elements functional in the cell.

40. (Amended) The method of claim 34 wherein the compound is DNA that comprises a nucleotide sequence that encodes an non-immunogenic protein operable linked to regulatory elements functional in the cell.

41. (Amended) The method of claim 34 wherein the cell that expresses CD80 and/or CD86 costimulatory molecules is a dendritic cell.

42. (Amended) The method of claim 34 wherein the particle is a viral particle, a complex that comprises two or more protein molecules and a nucleic acid molecule, a liposome or a cationic amphiphile/DNA complex.

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